



1/21

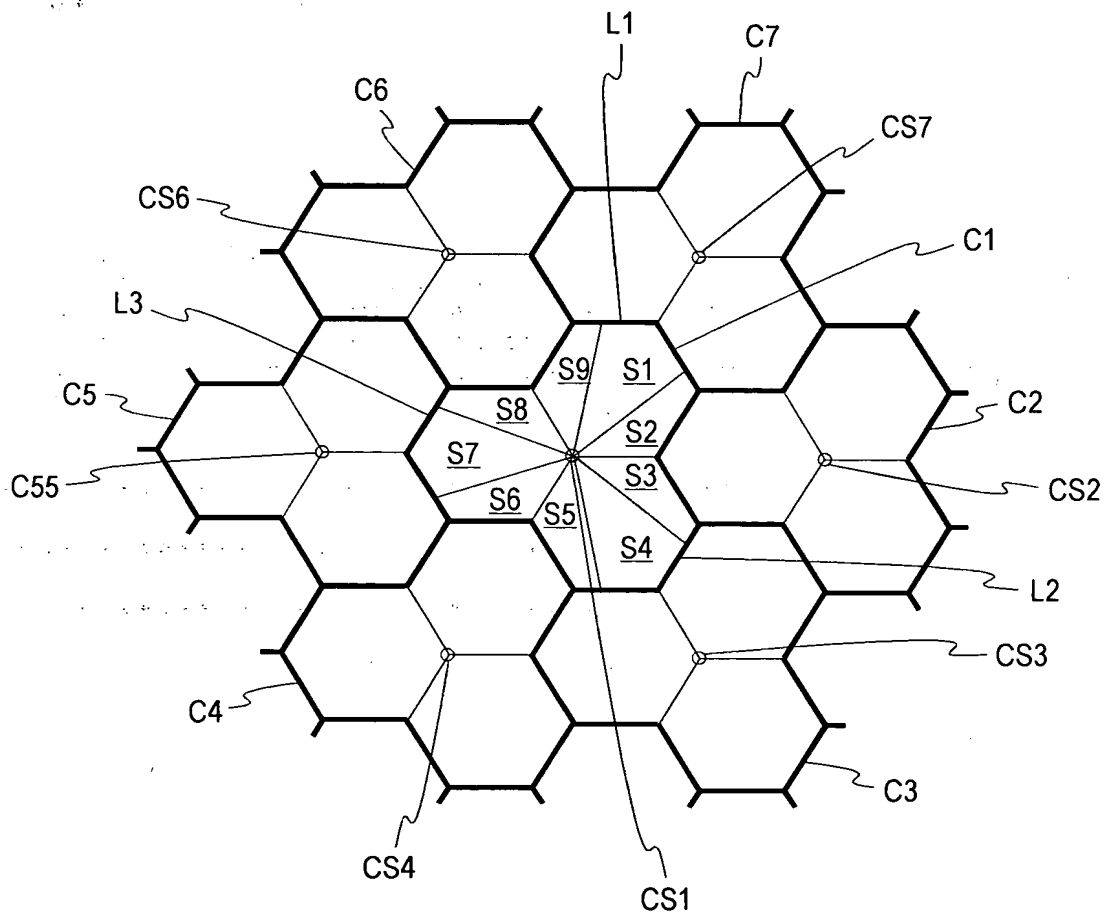


FIG. 1



2/21

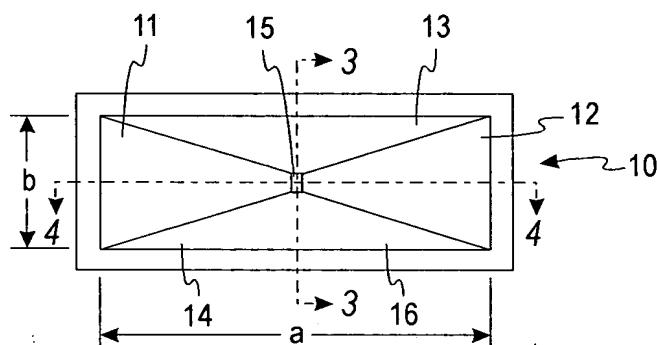


FIG. 2

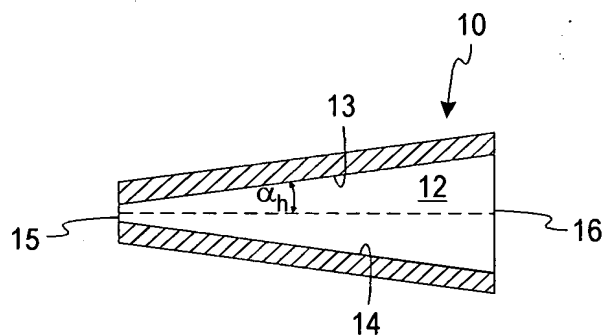
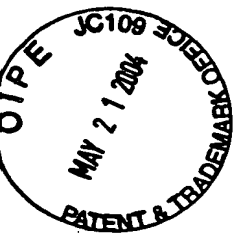


FIG. 3



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

3/21

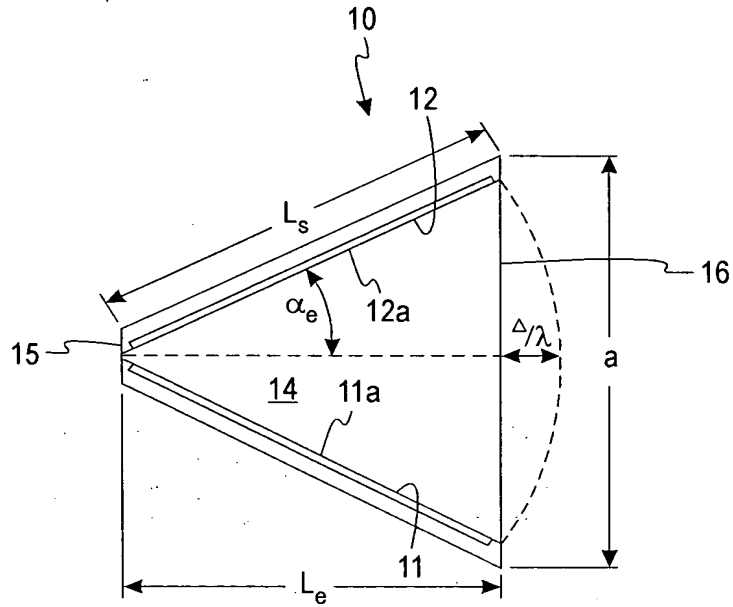


FIG. 4

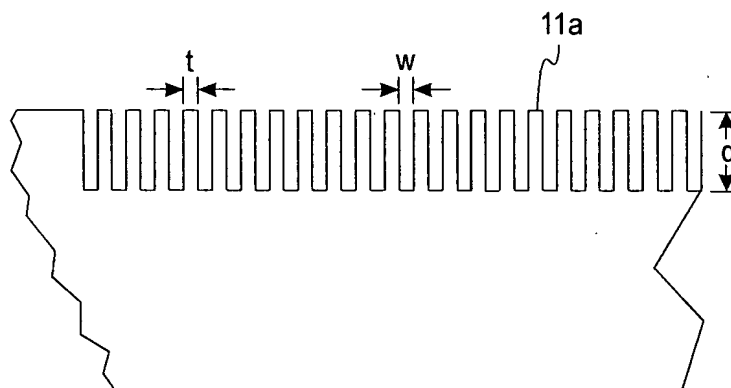
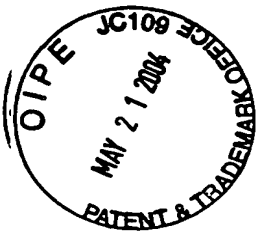


FIG. 4a



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

4/21

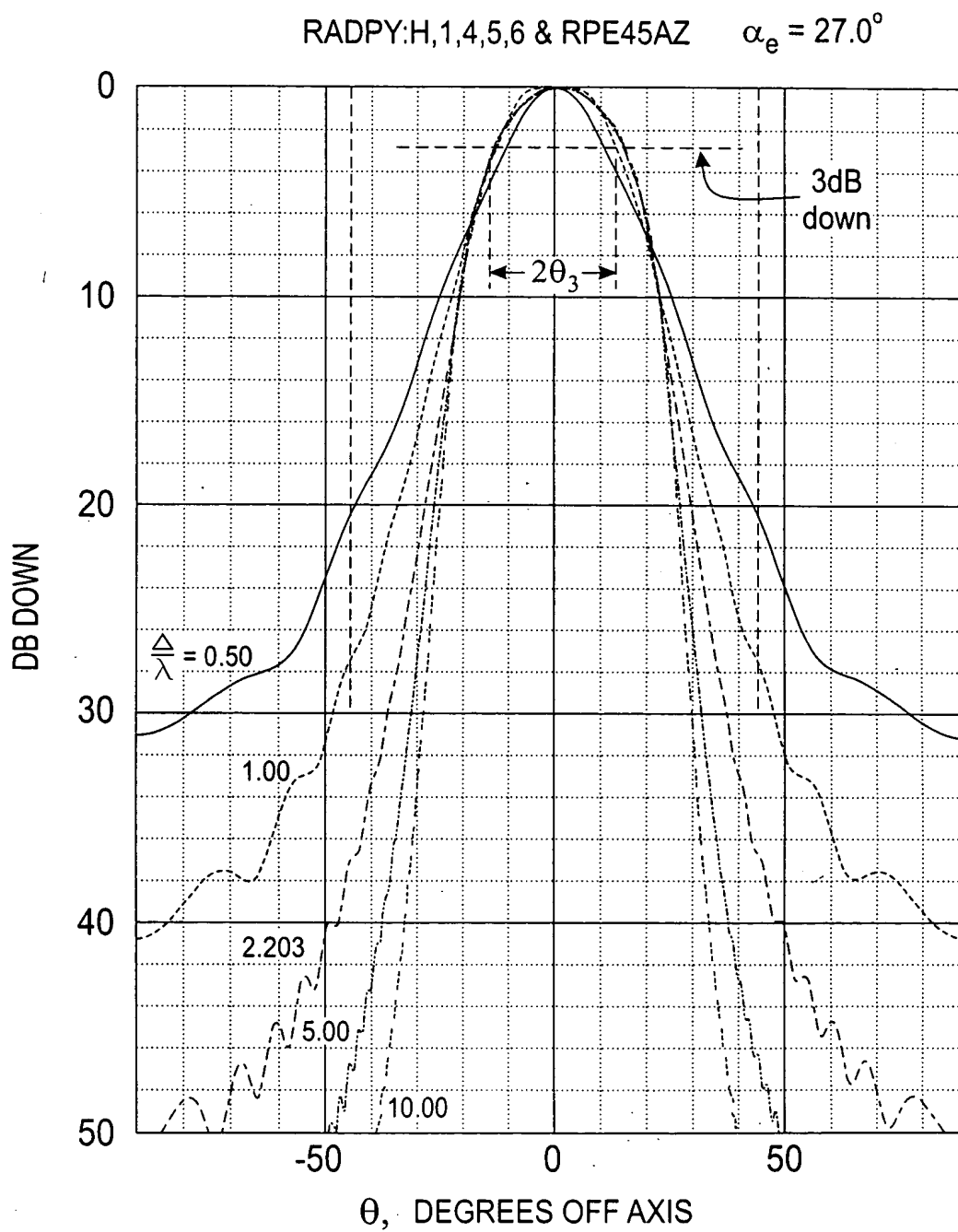
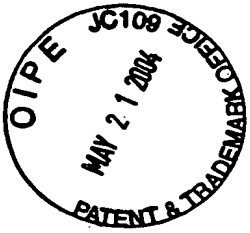


FIG. 5



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

5/21

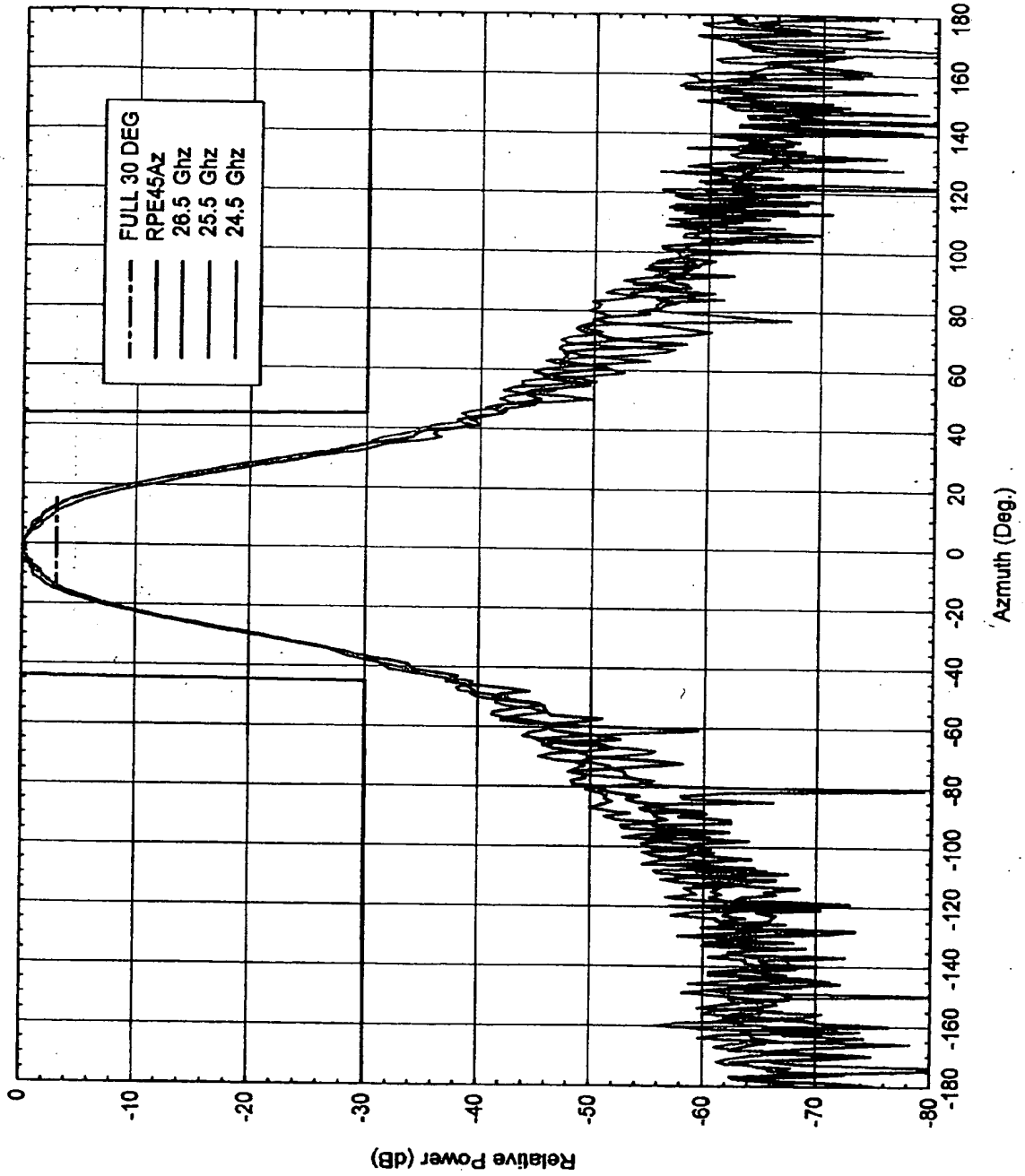
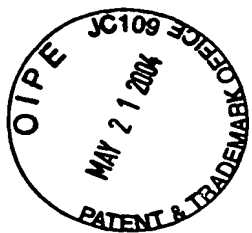


FIG. 6a



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

6/21

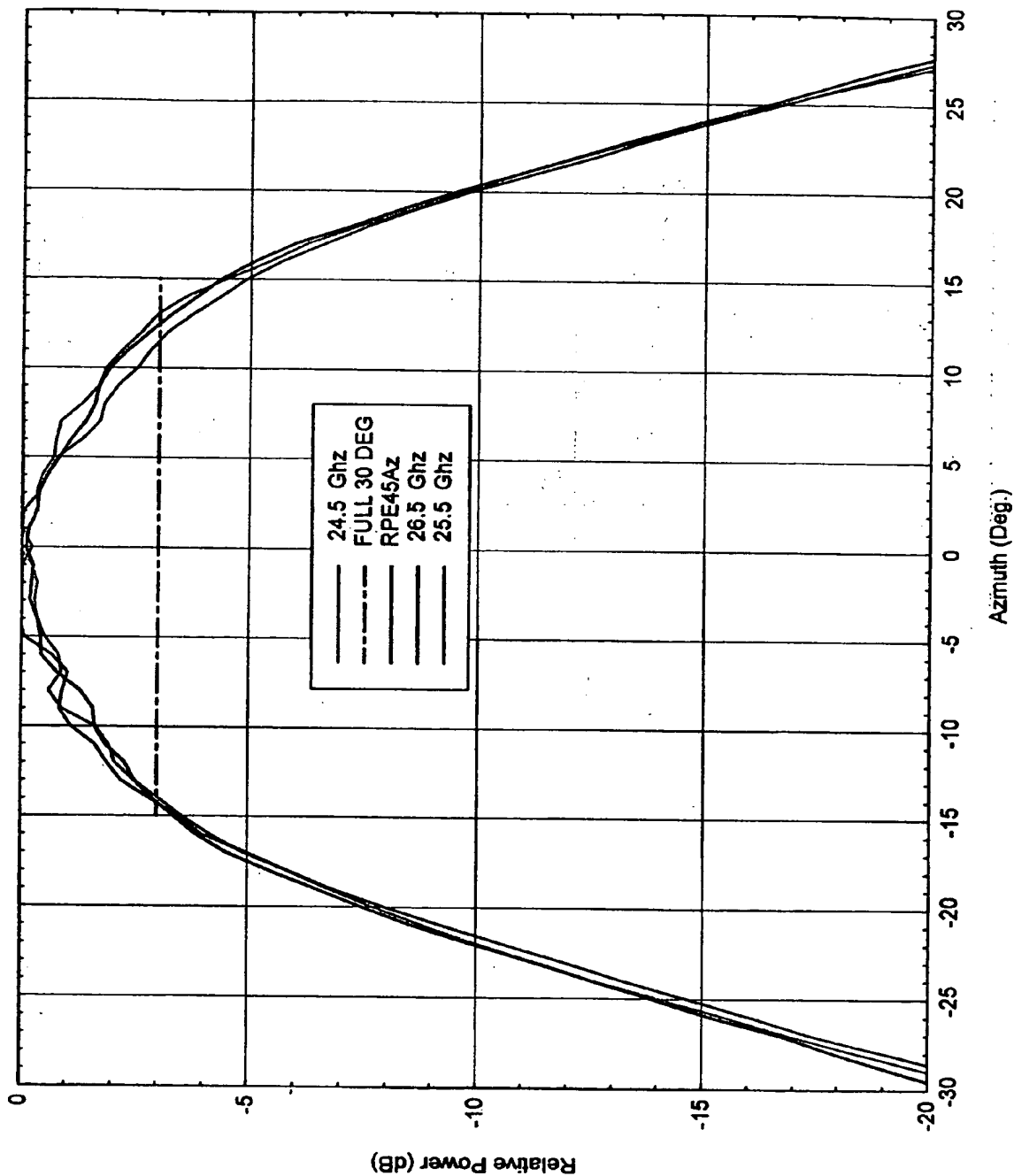
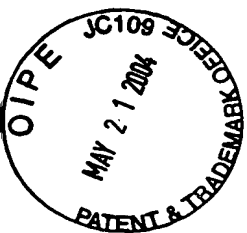


FIG. 6b



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

7/21

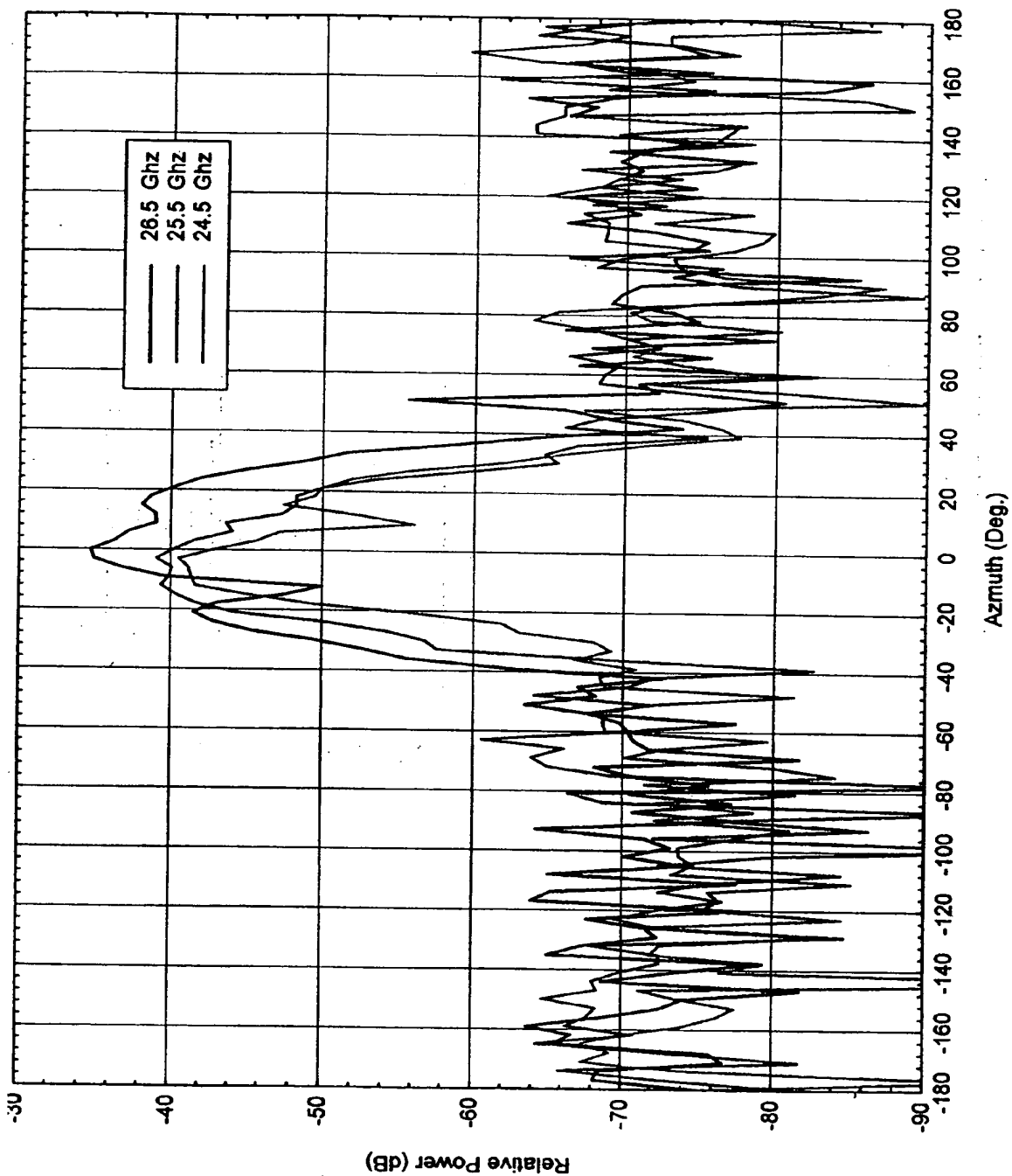


FIG. 6C



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

8/21

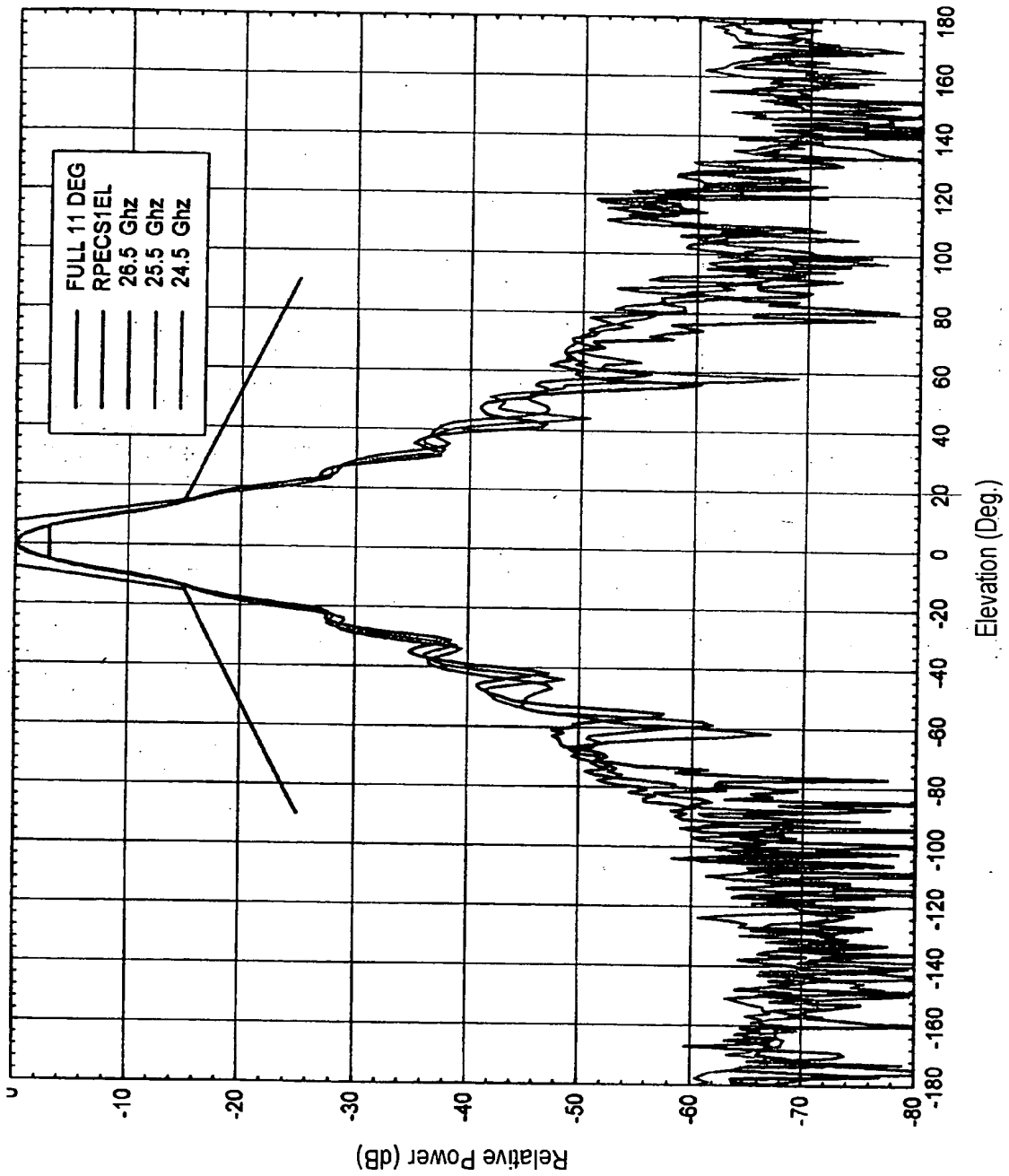


FIG. 6d



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

9/21

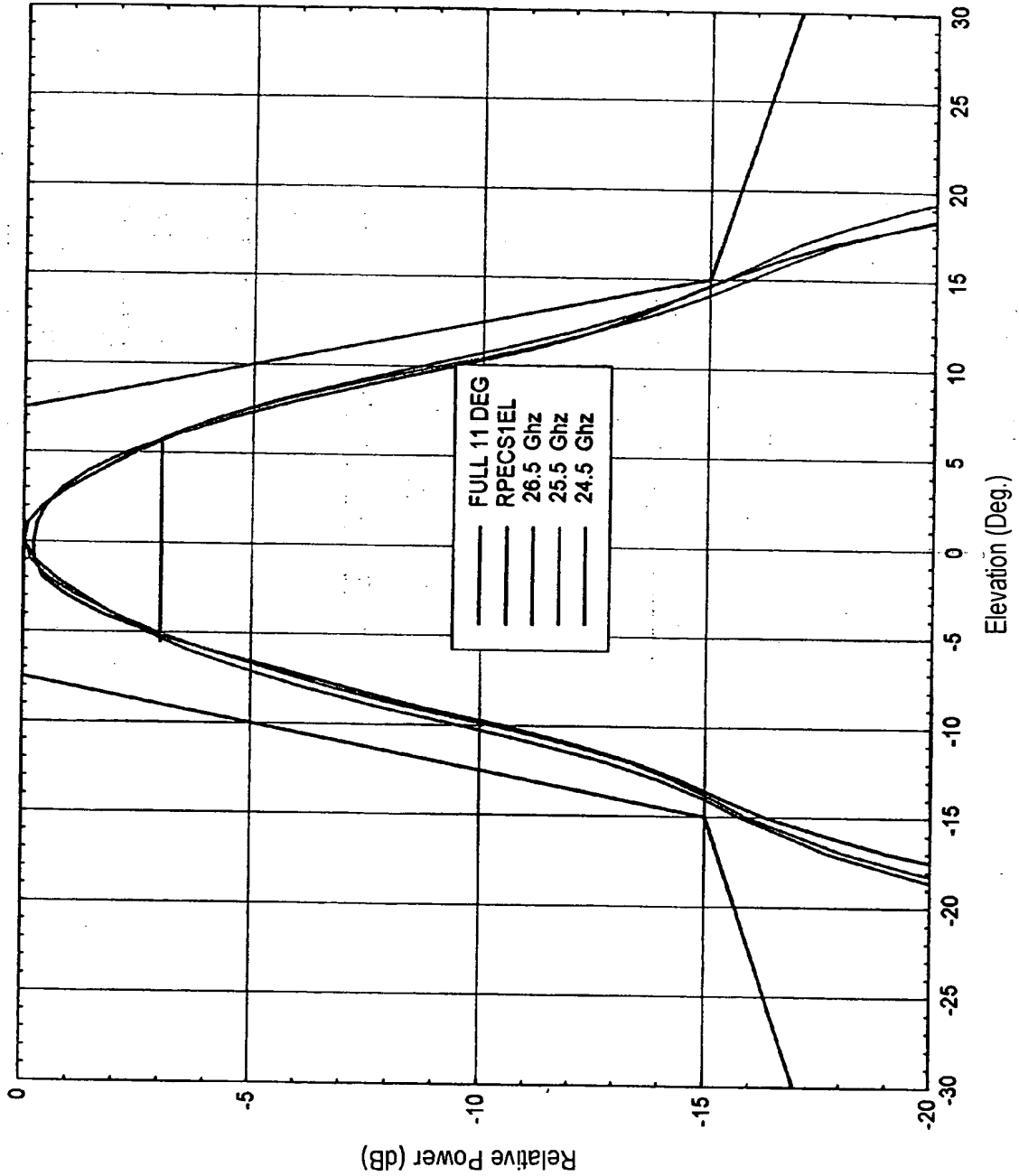
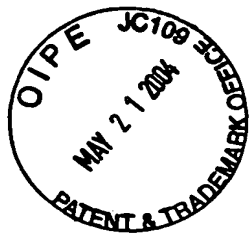


FIG. 6e



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

10/21

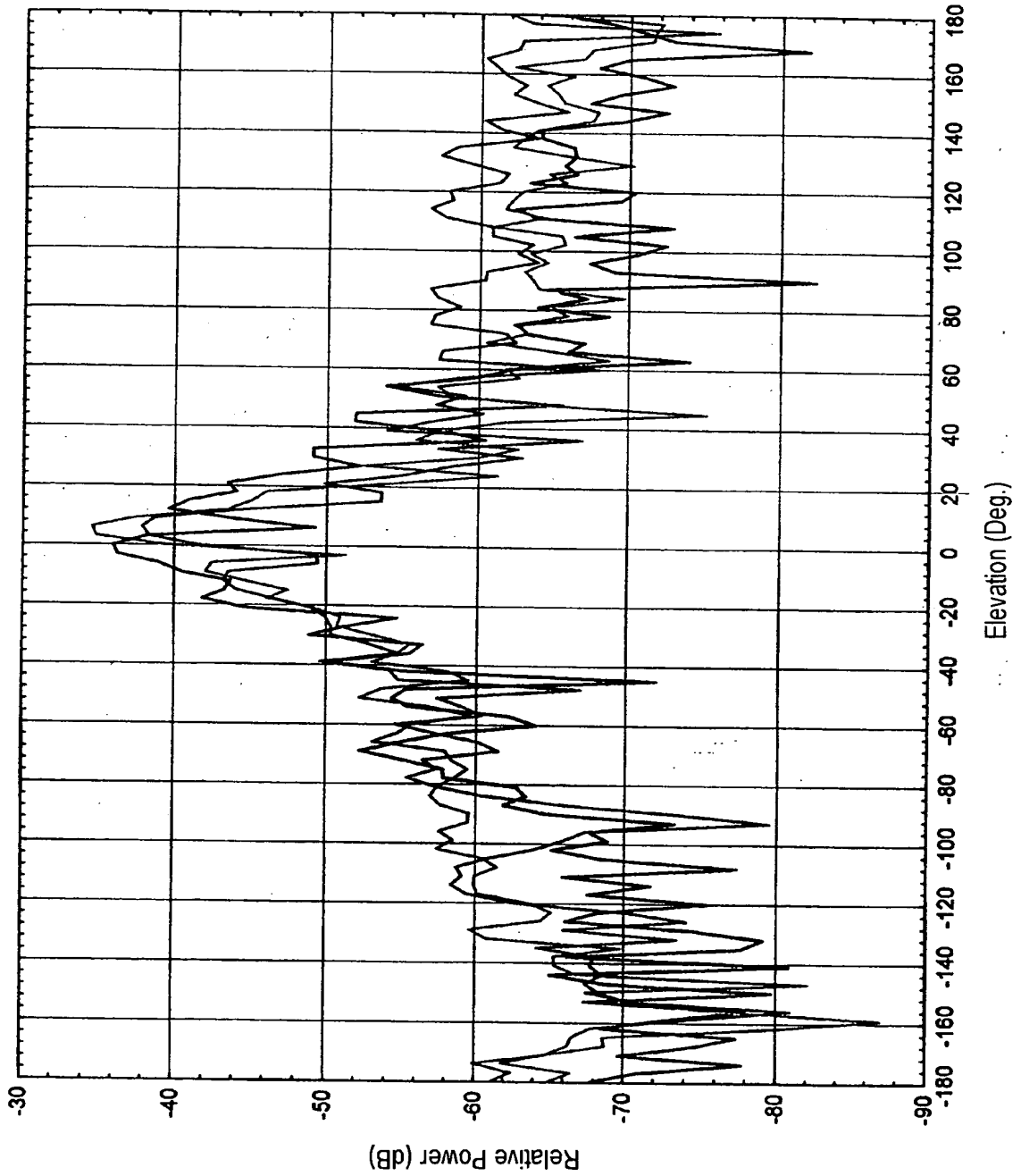


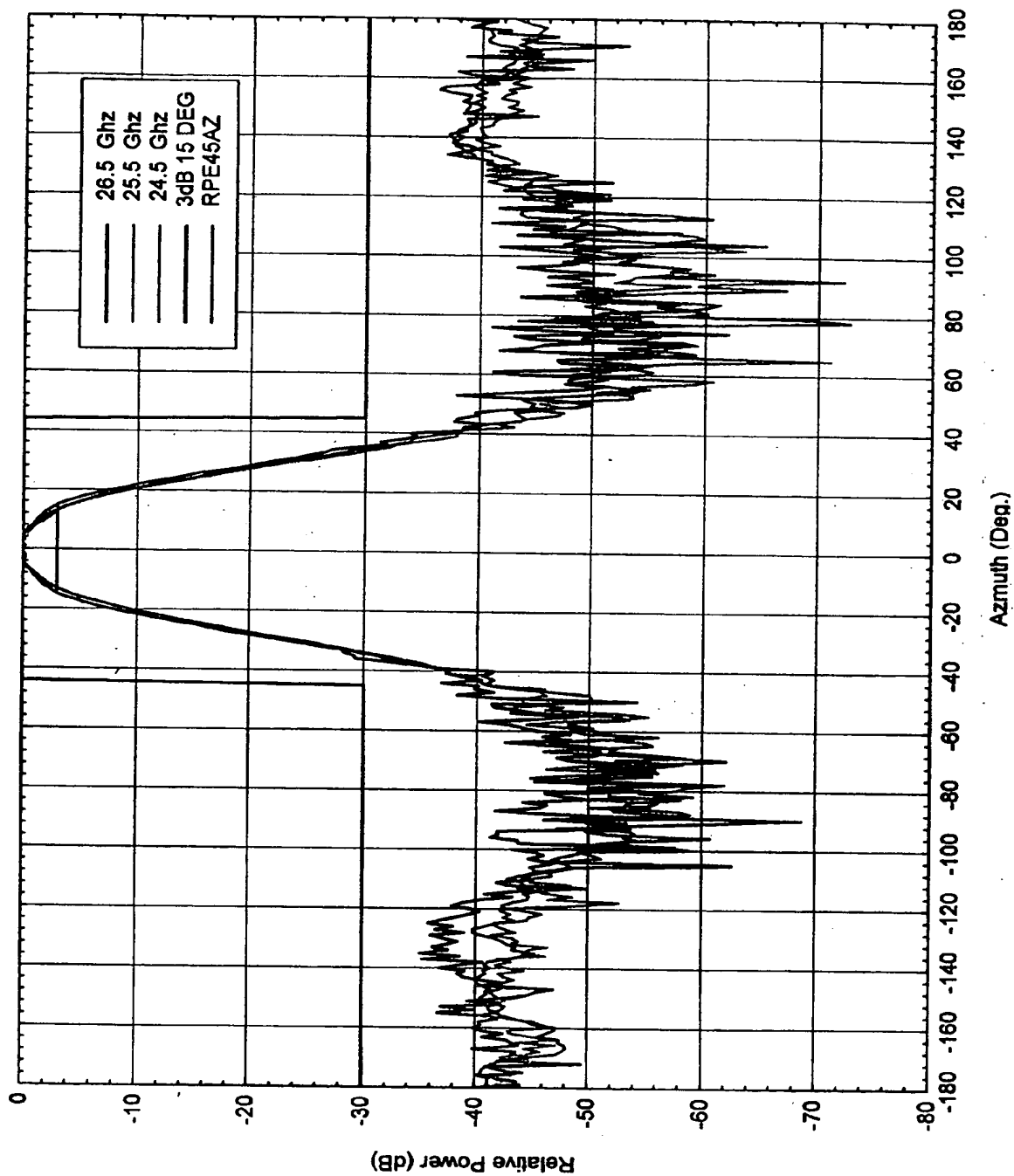
FIG. 6f

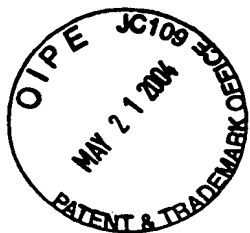


Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

11/21

FIG. 7a





Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

12/21

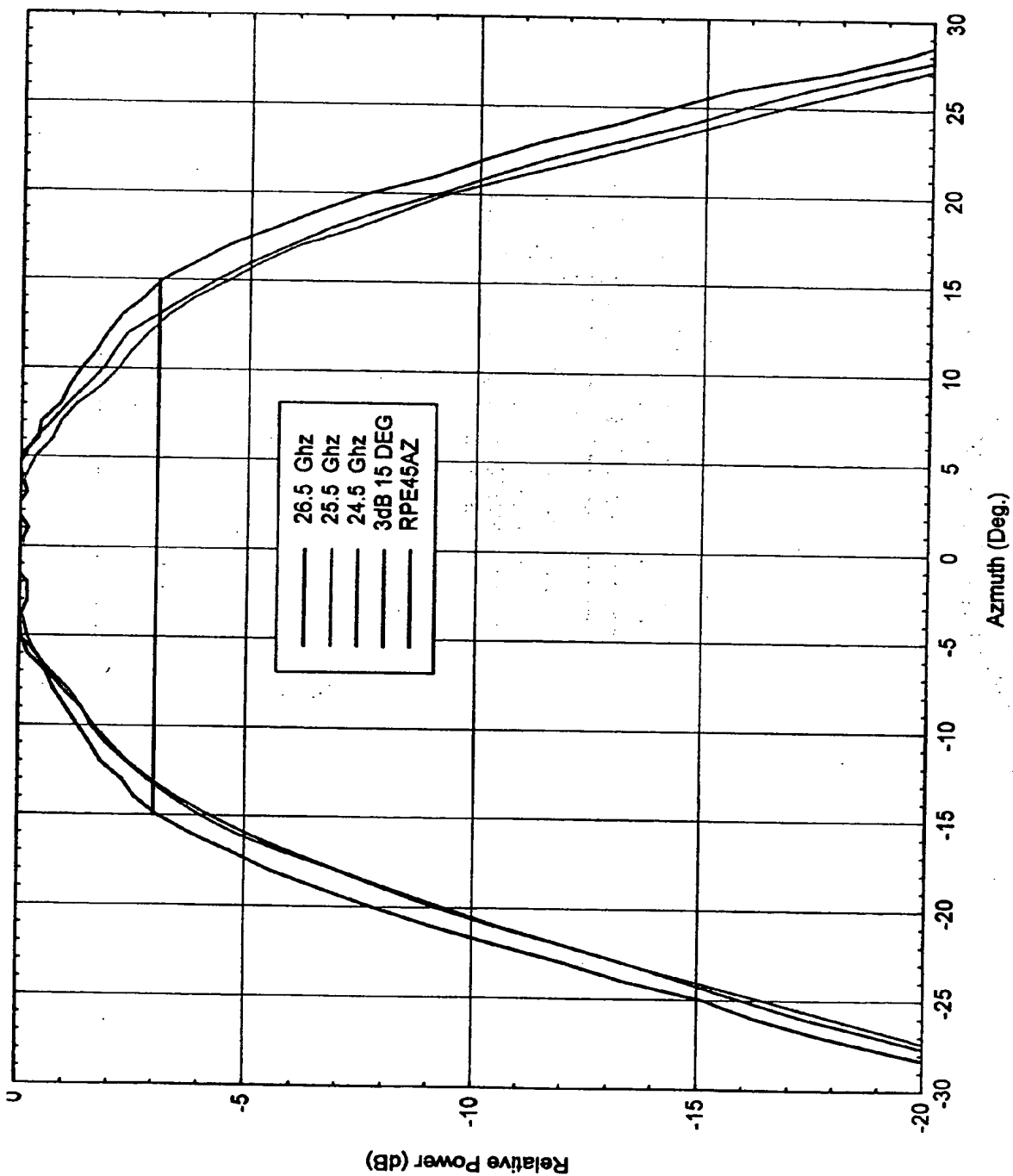
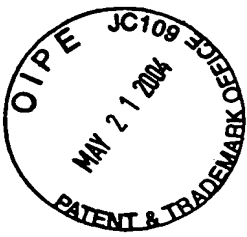


FIG. 7b



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

13/21

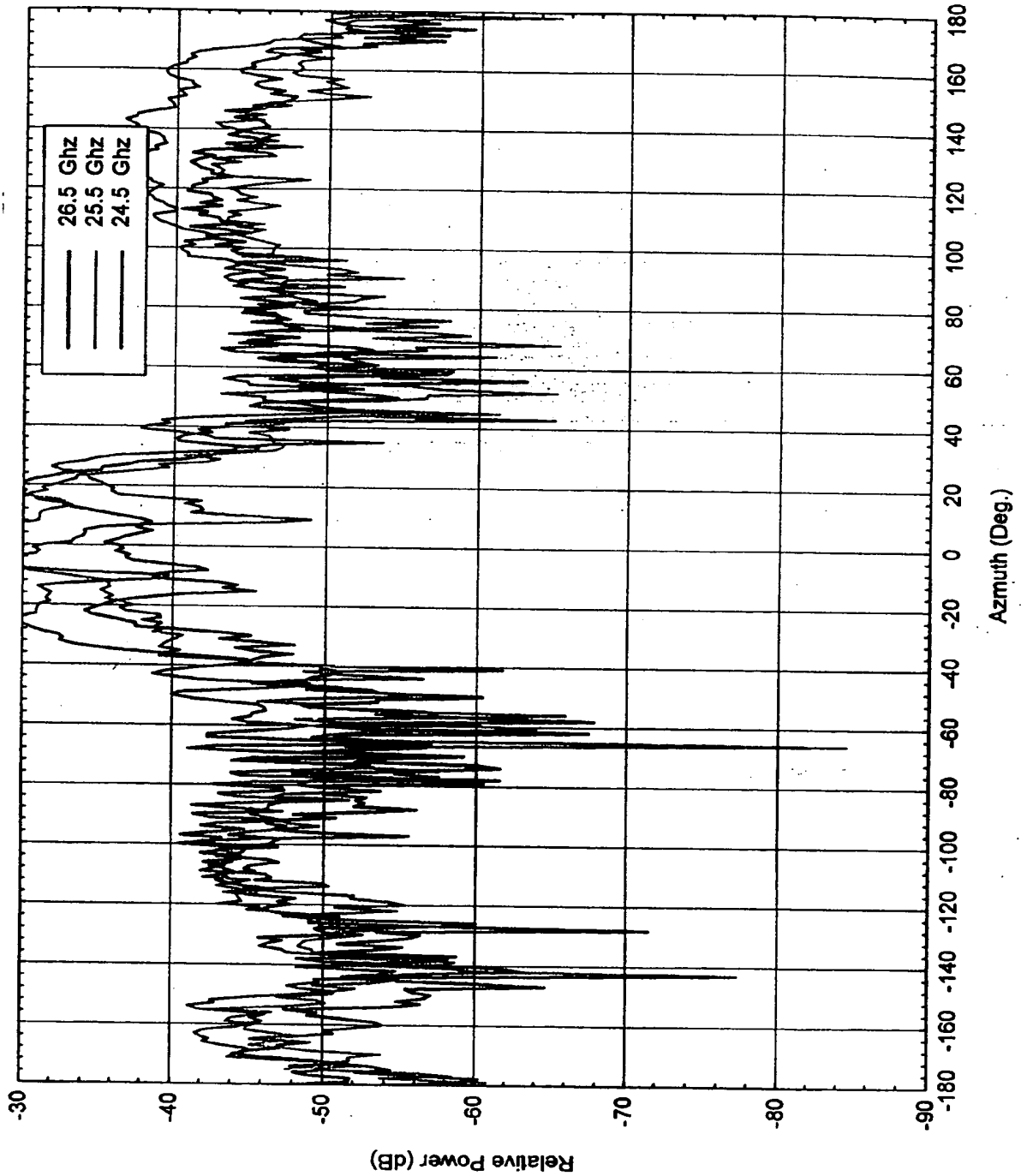
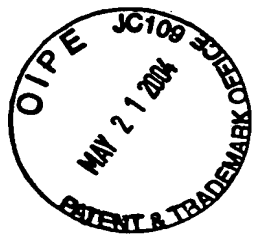


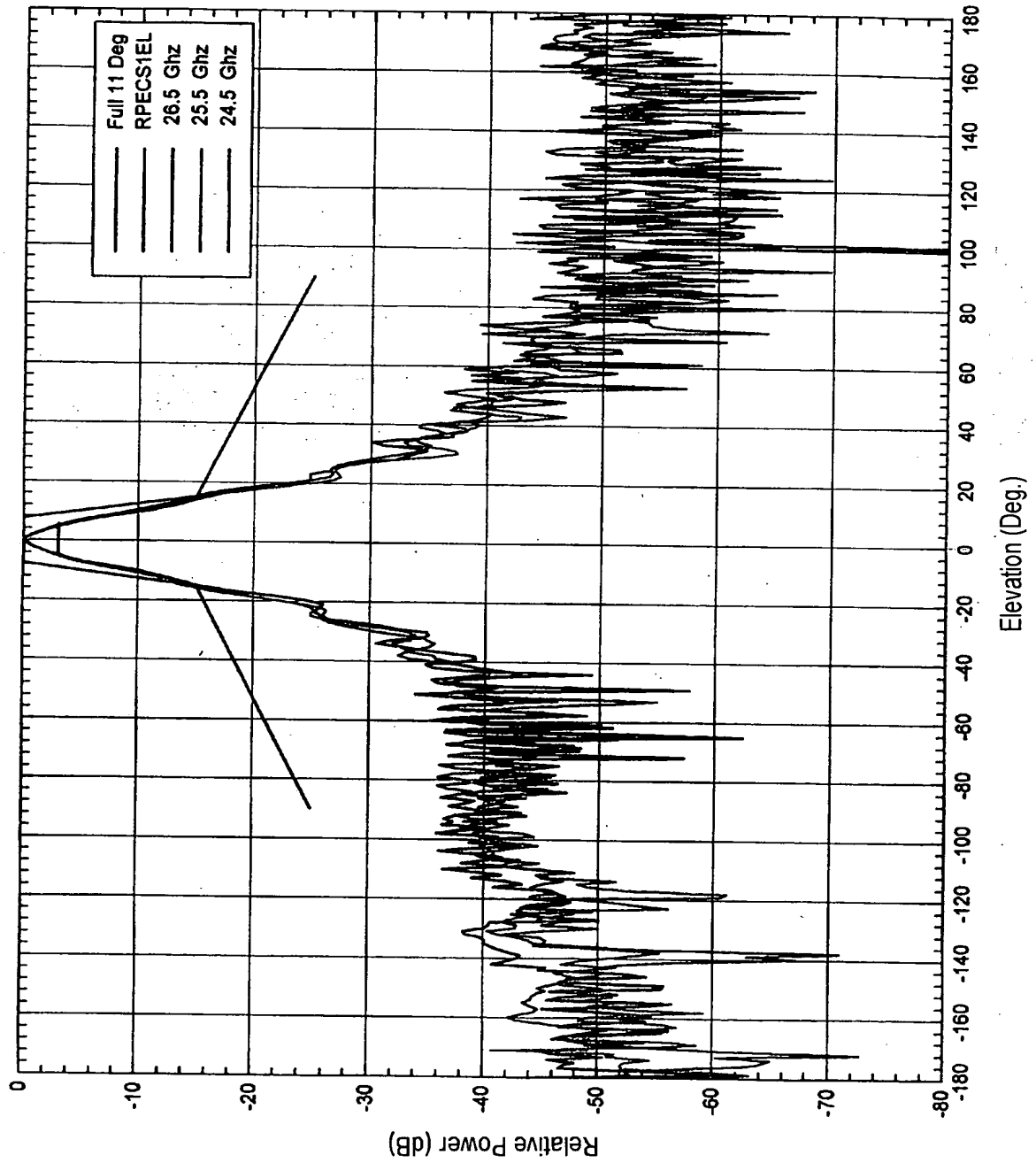
FIG. 7C

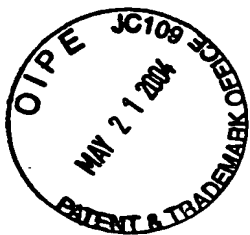


Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

14/21

FIG. 7d

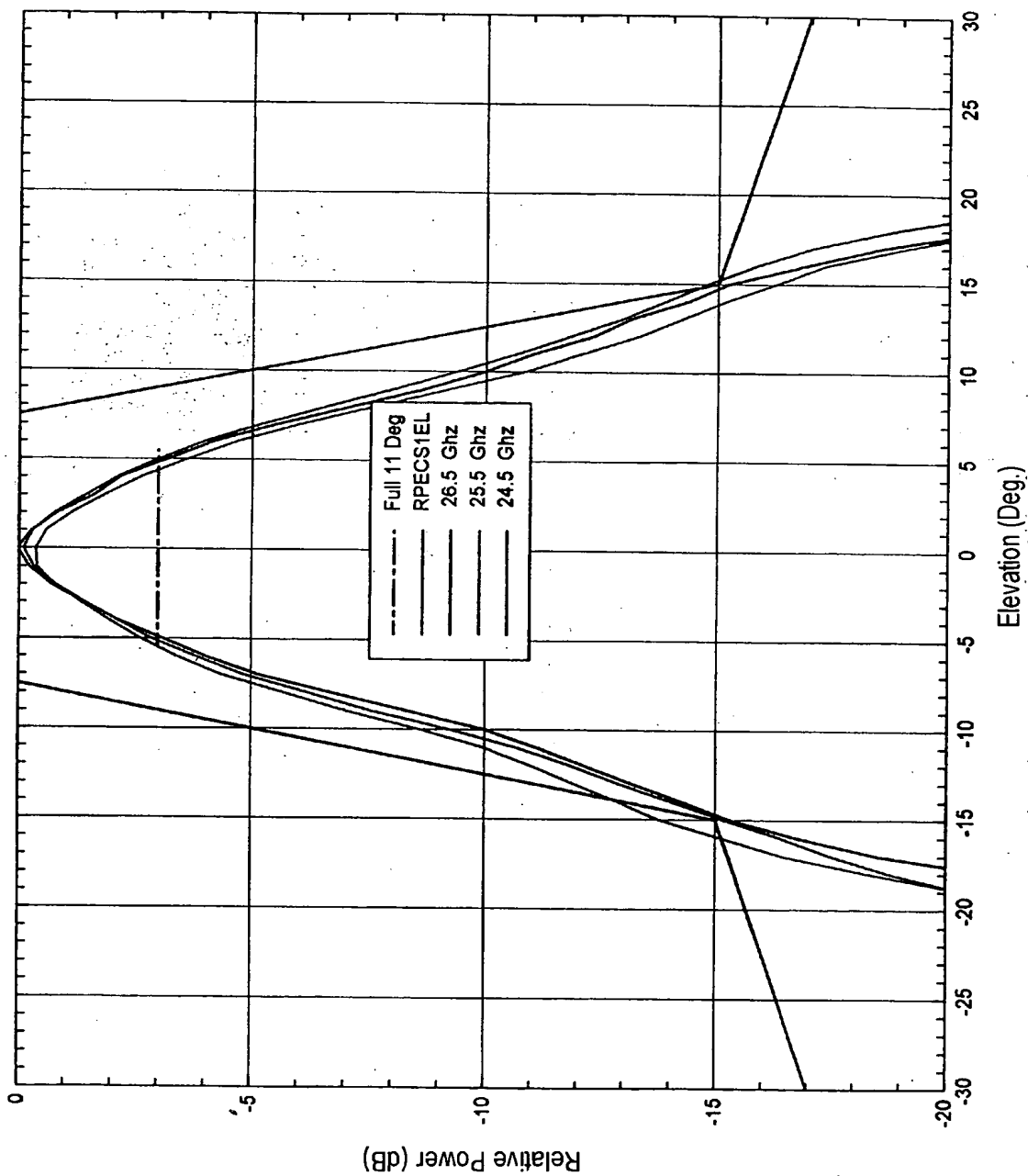


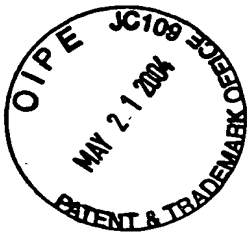


Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

15/21

FIG. 7e

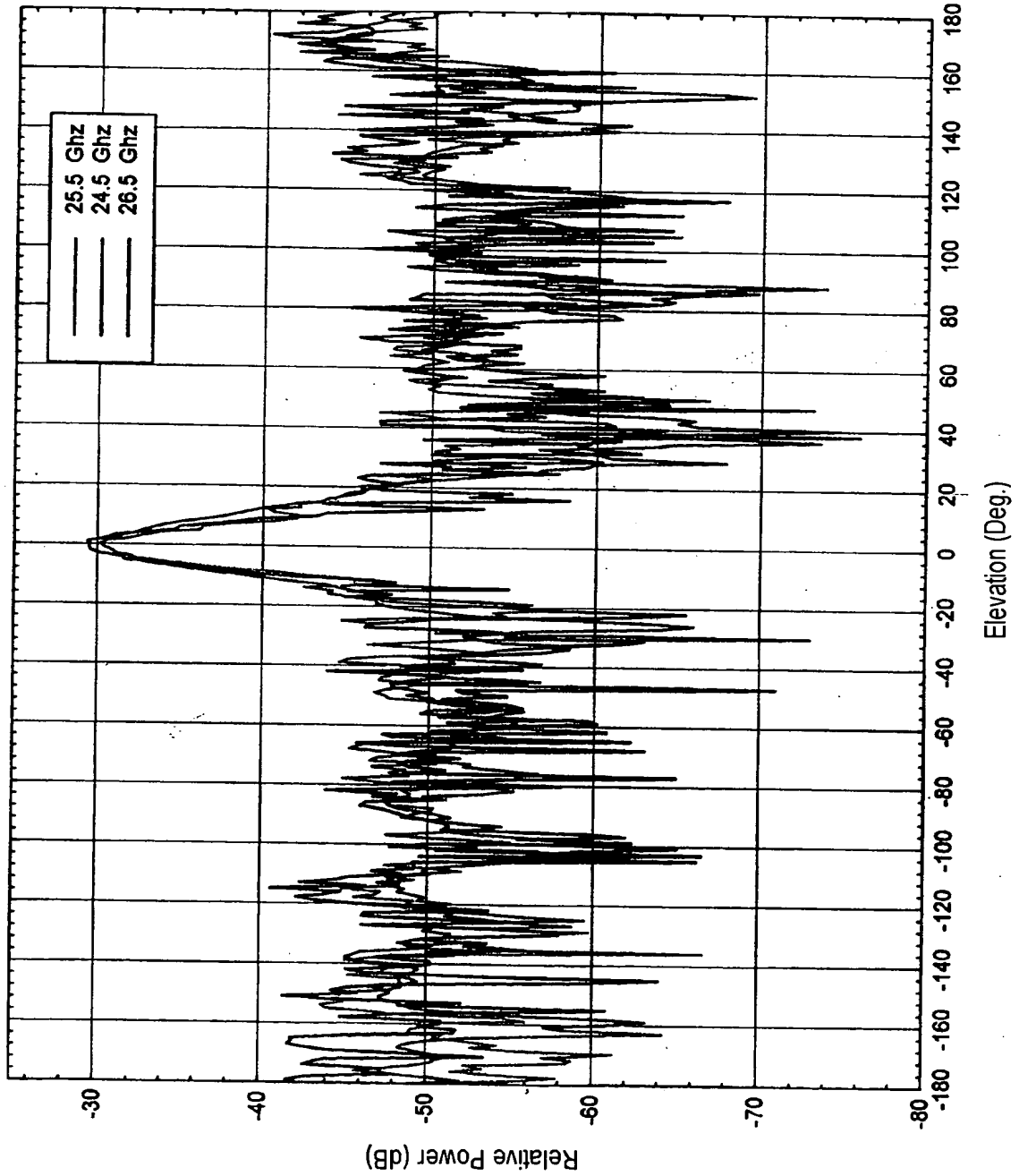


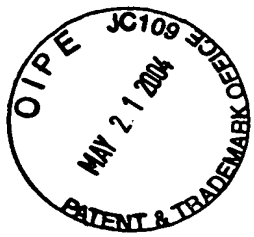


Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

16/21

FIG. 7f





Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

17/21

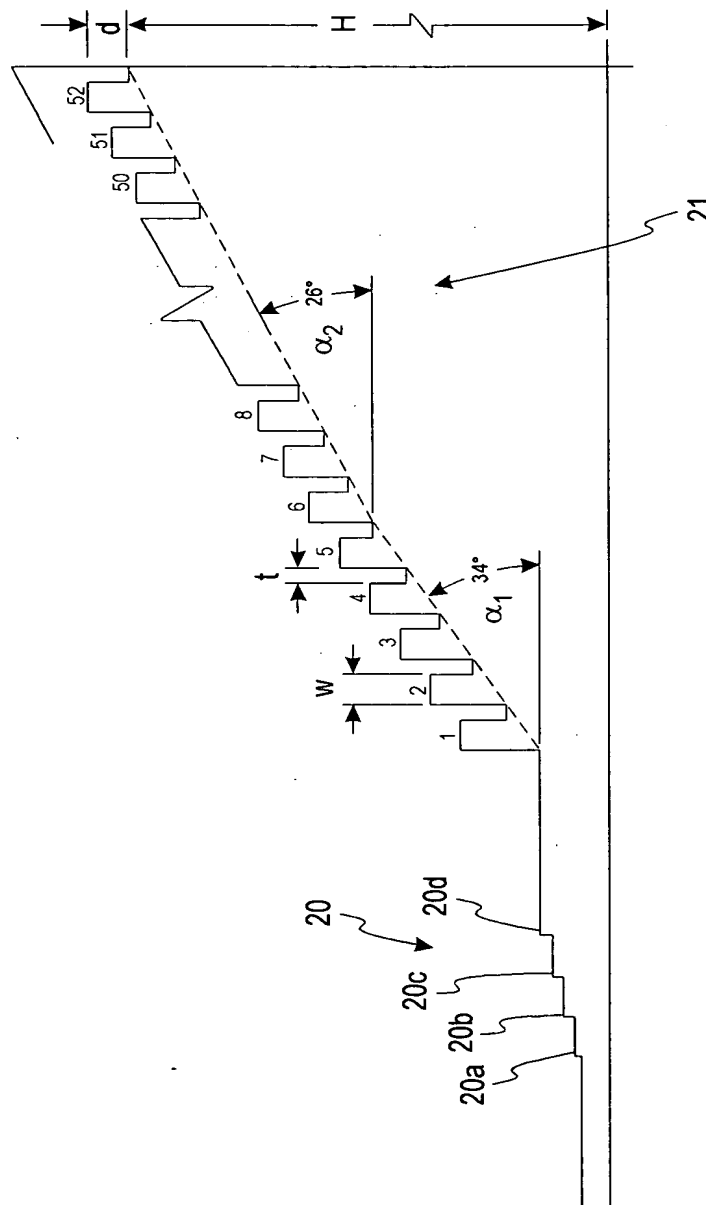
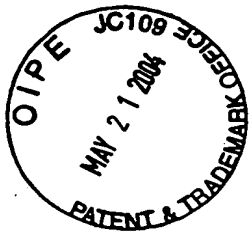


FIG. 8



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

18/21

AZ cut H pol. Flat Teeth
5 freq. 24.5 - 26.5 ghz.

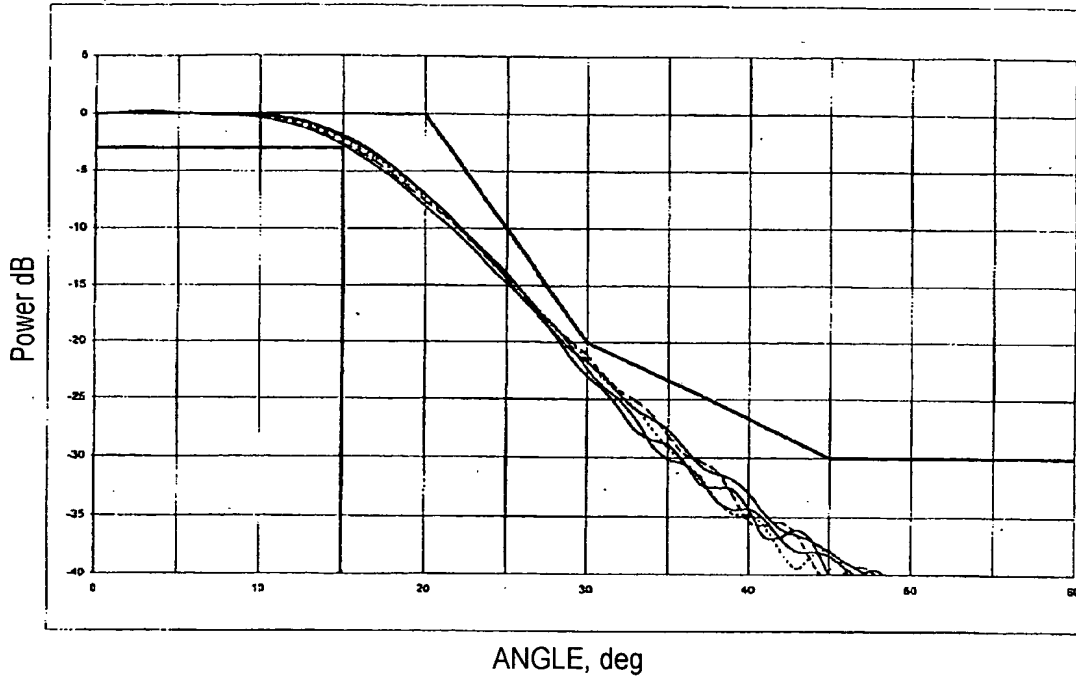


FIG. 9a

EL cut H pol. Flat Teeth
5 freq. 24.5 - 26.5 ghz.

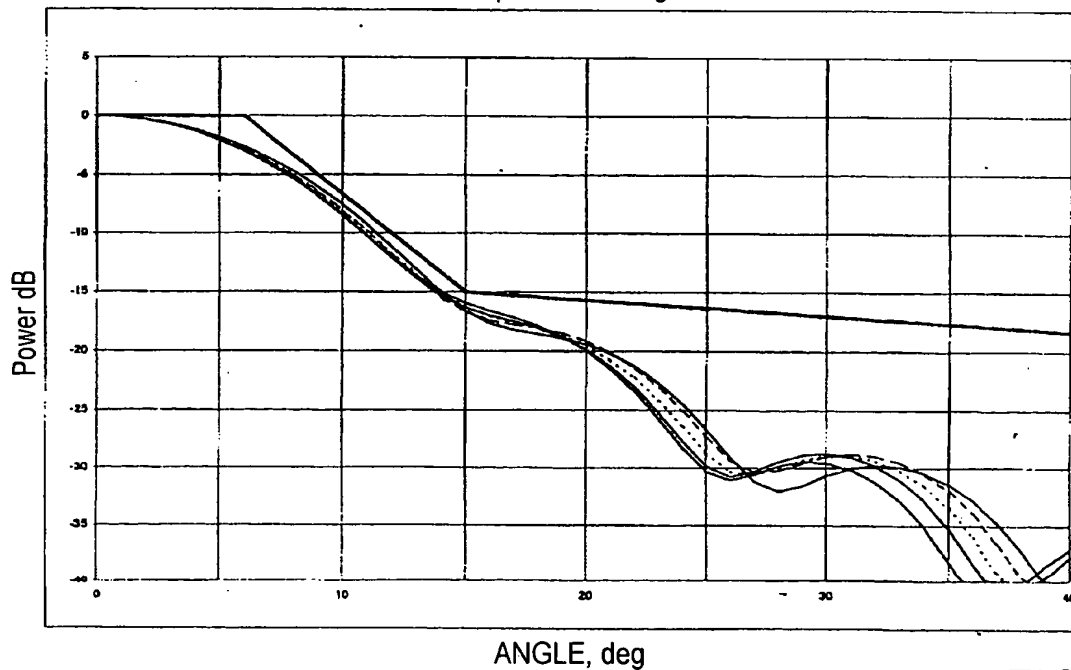
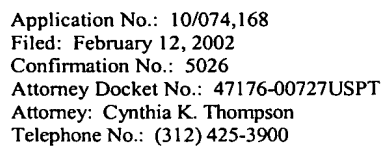


FIG. 9b





Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

20/21

AZ cut H pol. Angled Teeth
5 freq. 24.5 - 26.5 ghz.

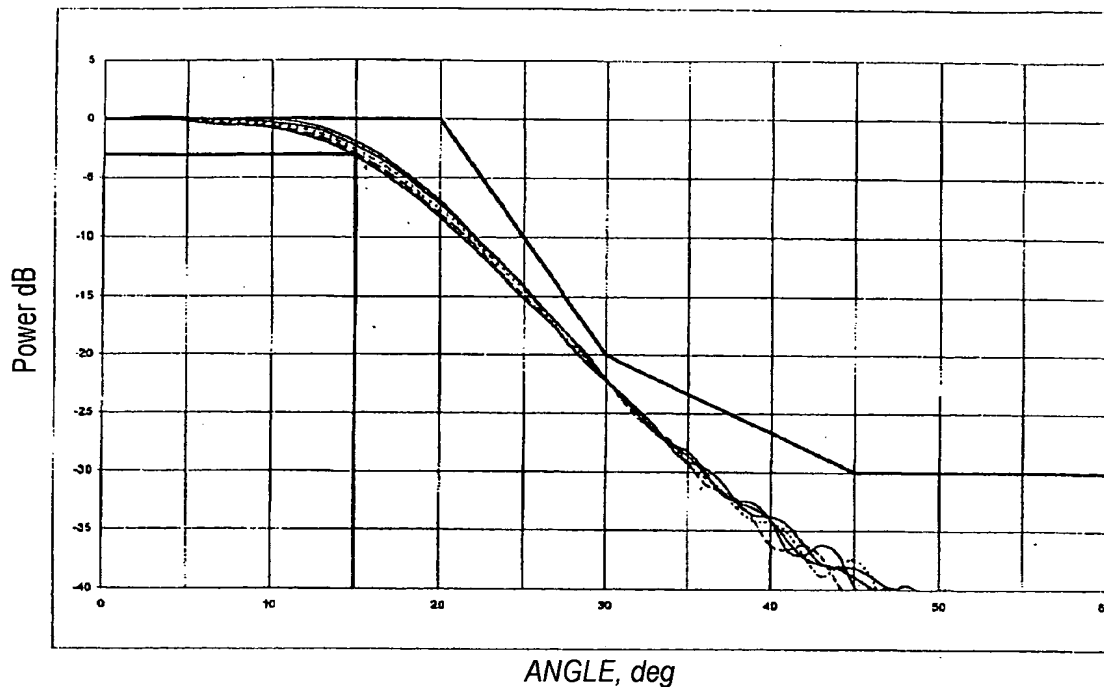


FIG. 11a

EL cut H pol. Angled Teeth
5 freq. 24.5 - 26.5 ghz.

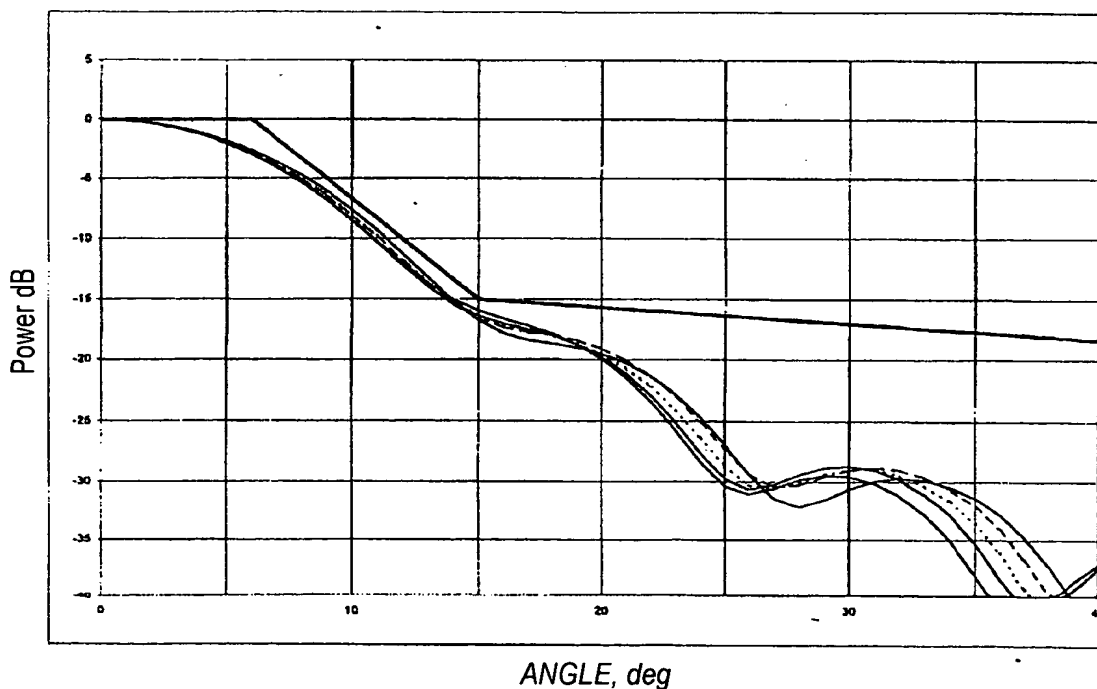


FIG. 11b



Application No.: 10/074,168
Filed: February 12, 2002
Confirmation No.: 5026
Attorney Docket No.: 47176-00727USPT
Attorney: Cynthia K. Thompson
Telephone No.: (312) 425-3900

21/21

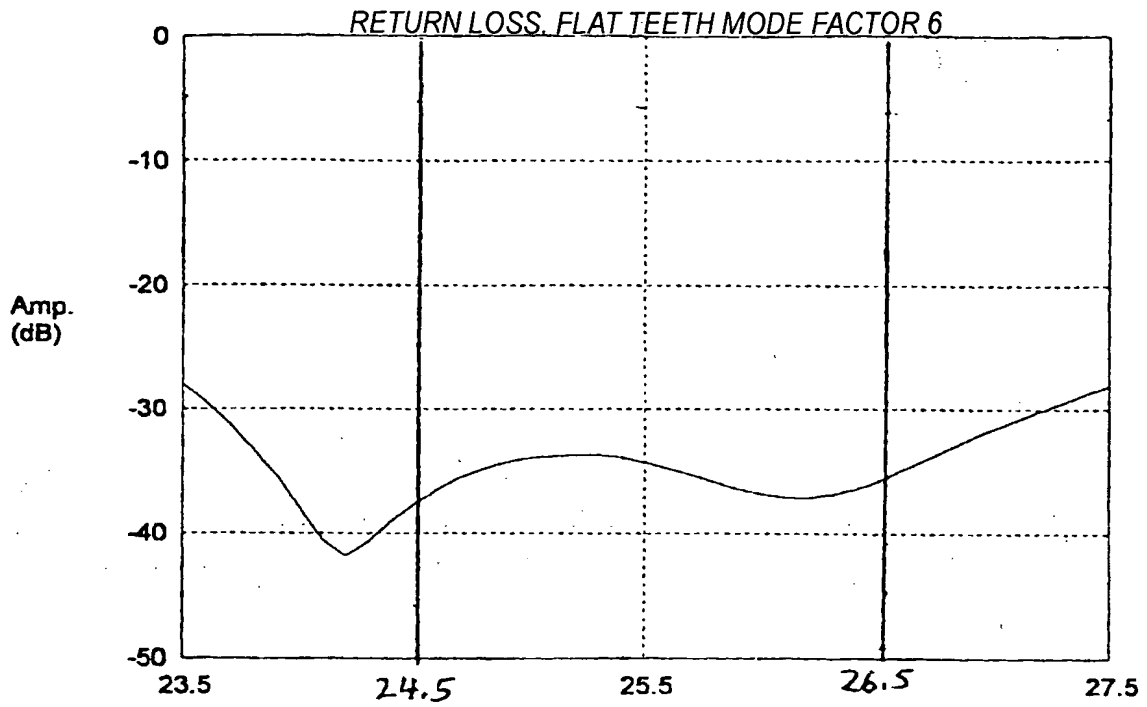


FIG. 11c

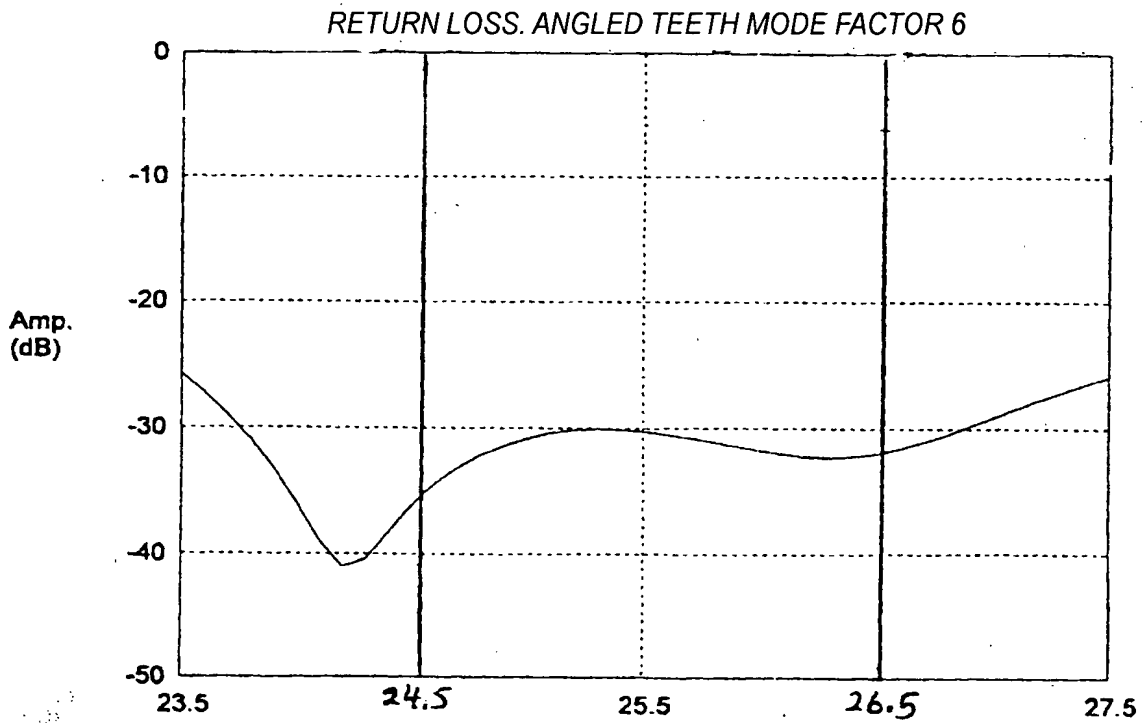


FIG. 11d